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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/627,448	07/27/2000	Toshihiko Ouchi	35.G2625	1095
5514	7590 01/29/2003			
FITZPATRICK CELLA HARPER & SCINTO			EXAMINER	
30 ROCKEFELLER PLAZA NEW YORK, NY 10112			KIM, ELLEN E	
			ART UNIT	PAPER NUMBER
			2874	
		DATE MAILED: 01/29/2003		

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary Defice Action Summary Ellien E Kim Ellien E Kim 2874			Application No.	Applicant(s)				
Examiner								
Ellen E Kim								
The MAILING DATE of this communication appears on the cover sheet with the correspondence address — Period for R ply A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION. Extensions for the reply be exalished under the provisions of 3 C.PR 1.13(a). In one went, however, may a reply be limitly filled Extensions for may be persioned above its less train thiny (50) (days, a, reply within the statisticy minimum of thiny (30) days will be considered timely. If the period for reply sponded above its less train thiny (50) (days, a, reply with the statisticy minimum of thiny (30) days will be considered limitely. If the period for reply sponded above its less train thiny (50) (days, a, reply with the statisticy minimum of thiny (30) days will be considered limitely. If the period for reply sponded above its less train thiny (50) (days, a, reply with the statisticy minimum of thiny (30) days will be considered limitely. If the period for reply sponded above its less than thiny (50) (days, a, reply with the statistic minimum of thiny (30) days will be considered limitely. If the period for reply sponded above its less than thiny (30) (days and the sponders) and the sponders are sponders are sponders and the sponders and the sponders are sponders and the sponders and the sponders and the sponders are sponders and the sponders and the sponders and the sponders and the		· · · · · · · · · · · · · · · · · · ·						
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U.S. Patent and Trademark Office PTO-326 (Rev. 04-01)

Office Action Summary

Part of Paper No. 13

Art Unit: 2874

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DETAILED ACTION

This action is responsive to Applicant's amendment filed on 11/8/2002.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

Claims 28, 30-34, 38, 39, 41-48, and 53 are rejected under 35 U.S.C. 103(a) as being unpatentable over Swirhun et al [USPAT 5,631,988].

Swirhun et al disclose every aspect of claimed invention [see page 2 in previous Office action mailed on 7/8/02] except for the fixed optical device and the optical transmission means.

It would have been obvious to the ordinary skilled person in the art at the time the invention was made to modify Swirhun et al's device to include the fixed optical device and the optical transmission means for the purpose of the stable optical coupling so that the device can perform higher and stable optical connection between the optical device and the optical transmission means. It is clear that this would improve the Swirhun et al's device.

Claims 29, 37, 40, and 49-52 are rejected under 35 U.S.C. 103(a) as being unpatentable over Swirhun et al [USPAT 5,631,988].

The rejection is greatly discussed in pages 3-5 in previous Office action mailed on 7/8/02. Again the modification such as the fixed optical device and the optical transmission means in the Swirhun et al' device would have been obvious matter to the

ordinary skilled person in the art at the time the invention was made for the purpose of the stable optical coupling so that the device can perform higher and stable optical connection between the optical device and the optical transmission means

Claim 35 is rejected under 35 U.S.C. 103(a) as being unpatentable over Swirhun et al [USPAT 5,631,988] as applied to claim 28 above, and further in view of Gilliland et al [USPAT 5,774,614].

The rejection is greatly discussed in page 5 in previous Office action mailed on 7/8/02.

Response to Arguments

Applicant's argument is clearly answered by Examiner in the rejection above.

Conclusion

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Further references of interest are cited on Form PLO-892, which is attachment to this office action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Ellen Kim whose telephone number is (703) 308-4946.

The examiner can normally be reached on Monday and Thursday.

Ellen E. Kim

Primary Examiner
January 23, 2003/EK

MIL.